



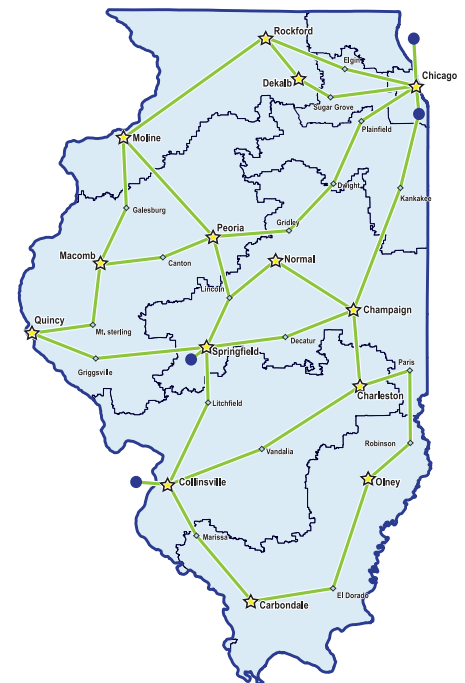
## ICN Fiber Services

To improve statewide broadband access, the Illinois Century Network (ICN) completed a three year effort to migrate our statewide backbone to a fiber optic network capable of 1.6 terabits per second (Tbps). In conjunction with ICN's goal to ensure all Illinois schools and libraries have affordable and scalable broadband connectivity, there are currently over 400 Community Anchor Institutions now directly connected with cost-effective fiber capable of speeds of 100 megabits (Mbps) to 10 gigabits per second (Gbps).

### Let the ICN Bring Fiber to You!

ICN has the experience and technical expertise to deliver cost-effective solutions to address your current and future bandwidth needs. We offer a turnkey solution for customers looking for long term connectivity options. Large or small, the ICN will manage your fiber installation project by taking care of design, construction, ongoing maintenance, locates, moves and 24/7 repair. Fiber builds are E-rate eligible and schools and libraries may apply individually or as a consortium to significantly reduce the cost of the build (see fiber build example below). The ICN is an E-rate authorized service provider and our staff will assist you with every step of the process. Once the cost for the fiber build is recovered, ongoing costs will be reduced to only the maintenance cost. Contact the ICN today to get CONNECTED!

ICN BACKBONE



### Fiber Build Example With 80% E-rate Discount:

Build Cost	\$65,000.00	100Mbps Bandwidth + 1Gbps Transport	Total	Monthly Cost
Amortized 36 months	\$1,805.56	\$850.00	\$2,655.56	\$531.11
Amortized 60 months	\$1,083.33	\$850.00	\$1,933.33	\$386.67
After build cost is recovered	-	\$850.00	\$850.00	\$170.00

SCALEABLE

HIGH-BANDWIDTH

E-RATE ELIGIBLE

24/7 SUPPORT



### Contact Us Today!

For more information, contact your local Regional Technology Center or visit [www.illinois.net](http://www.illinois.net).  
General Inquiries: 217-524-3648 or 312-814-3648 Option 2 | [DoIT.ICN@illinois.gov](mailto:DoIT.ICN@illinois.gov)



## BENEFITS AT A GLANCE:

### SCALABLE:

Long term broadband solutions scalable from 100Mbps to 10Gbps

### STABILITY:

The ICN backbone is fully redundant and we will manage your fiber connection end to end

### FAST & RELIABLE:

Our network was designed for optimal performance and will deliver high speed and reliable services

### FULLY E-RATE ELIGIBLE:

Interconnect your local campus fiber network to the ICN and realize cost savings through the E-rate process

### SECURITY:

Your connection is secure and protected using state-of-the-art tools to defend against DDoS attacks and malicious activity

### SYMMETRICAL & GUARANTEED:

Guaranteed symmetrical connections, upload and download files at the same speeds

### ACCESSIBILITY:

Access to cloud services, advanced Internet applications on Internet2 and HD streaming

### 24/7 SUPPORT:

The ICN will monitor your connection 24/7 and engage the proper teams to restore service quickly

## Smart Communities - ICN Fiber Builds



FAST & RELIABLE

SYMMETRICAL

SECURE

ACCESSIBILITY

## ICN Staff & Support

### Your Trusted Advisors for Technology Excellence

You have our dedicated attention! There are nine Regional Technology Centers (RTC) strategically located throughout Illinois. RTC staff provide dedicated customer support and will work with you to create a customized network solution to meet your business requirements. The RTC team is backed up by the resources of our Network Services team and the Communications Management Center (CMC). Dedicated customer support is available 24/7.

## Your Next Step!

Contact your local Regional Technology Center today to get CONNECTED! Find your local RTC office contact details at [www.illinois.net](http://www.illinois.net) and don't hesitate to call us at 217-524-3648 or 312-814-3648 Option 2.

### What Our Customers Say!

**Mark Latham, City Manager, City of Highland**

*"The more businesses we get on the network, the more we will all benefit. It used to be location, location, location. Now it is location but communication and communication."*

### ICN Network Backbone

